Please type a plus sign (+) inside this box



PTO/SB/05 (11-00)

App?ved in Prough 10/31/2002. OMB 0651-0032
U.S. Patent and Trace Frack C. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION TRANSMITTAL

	Attorney Docket No.		02578.0006.CPUS01		
ΓΙΟΝ	First Inventor		Sc	Scott A. Chalmers and Randall S. Geels	
	Title Method And App Patterned Thin F			paratus For High-Speed Thickness Mapping Of Films	Ŋ
	Evame	s Mail I abol N		EL557885532US	D I
07.000.4.00(1)	Express Mail Label No.		<i>,</i> .		

Only for new nonprovision	al applications under 37 CFR	1.53(0))		 				
APPLICATION ELEMENTS				Commissioner for Patents ADDRESS TO: Box Patent Application				
See MPEP chapter 600 concerning utility patent application contents.					Washington, D			
1. Fee Transmittal Form (e.g. PTO/SB/17) (Submit an original, and a duplicate for fee processing)			7.	Program (Appendix)				
	Applicant claims small entity status. See 37 CFR 1.27.			 Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) 				
3. Specification [Total Pages 29] - Descriptive title of the Invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention			a. b. c.	Specification i. CD-Re ii. paper	omputer Readable Form Sequence Listing on: OM or CD-R (2 copi	es); or	oies	
	y of the Invention on of the Drawings (if filed)		:	ACCOMP	ANYING APPL	ICATION	PARTS	
 Detailed Desc Claim(s) 	ription		9.	Assignment F	Papers (cover sheet &	document(s))		
- Abstract of the	Disclosure		10.	37 CFR 3.73 (where there is	(b) Statement an assignee)		Power of Attorney	
4. Drawing(s) (35	U.S.C. §113) [Total Pa	ges [13]]	11.	English Trans	slation document (if ap	plicable)		
5. Oath or Declara	tion [Total Pa	ges]	12.	Information D (IDS)/PTO-14	Disclosure Statement 449	. 🗆	Copies of IDS Citations	
a. 🔲 Ne	wly executed (original or copy)		13.	Preliminary A	Amendment			
	py from a prior application (37 C continuation/divisional with Box 17 c		14. 🛛	14. Return Receipt Postcard (MPEP 503) (Should be specifically itemized)				
i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)			15.	15. Certified Copy of Priority Document(s) (if foreign priority is claimed)				
application, see of other tool (Application Control		16.		Certification under 35 orm PTO/SB/35 or its)(B)(i). Applicant		
6. Application Data	Sheet. See 37 CFR 1.76		17.	Other				
18. If a CONTINUING AP Sheet under 37 CFR 1.76:	PLICATION, check appropria	e box, and supply the r	equisite inform	ation below and	in a preliminary amend	dment, or in an A	Application Data	
☐ Continuation	☐ Divisional	ontinuation-in-part (CIP) of pri	or application No	o: 09.611,219			
Prior application information:	Examin	er To be assigned	Grou	p / Art Unit: 287	77			
considered a part of the dis	/ISIONAL APPS only: The enticlosure of the accompanying portion has been inadvertent	continuation or divisi	onal applicati	on and is hereb	an oath or declaration by incorporated by ref	n is supplied un ference. This in	nder Box 5b, is ncorporation <u>can</u>	
		19. CORRESPO	NDENCE A	DDRESS				
Customer Number or Bar Code Label 22930 or Correspondence address below					ress below			
Name Robert C. Laurenson								
Howrey Simon Arnold & White,			e, LLP					
Address	301 Ravenswood	301 Ravenswood Avenue, Box 34			4			
City Menlo Park State		e CA		Zip Code	94025			
Country	try USA Telephone		(858) 622-5100 Fax (650) 463-8400					
Name (Print/Type)	Robert C. Laurenso	9	Registi	Registration No. (Attorney/Agent) 34,206				
Signature	Knist C. Jamesser			Date July 3, 2001				

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Box Patent Application, Washington, D.C. 20231.

HOWREY SIMON ARNOLD & WHITE, LLP 301 Ravenswood Avenue, Box No. 34 Menlo Park, CA 94025 (858) 622-5100

Box Patent Application COMMISSIONER FOR PATENTS Washington, D.C. 20231

> New U.S. Non-Provisional Utility Patent Application Re:

> > Continuation-in-Part of U.S. Application No. 09/611,219, filed July 6,

2000

For: Method And Apparatus For High-Speed Thickness Mapping Of **Patterned Thin Films**

Inventors: Scott A. Chalmers and Randall S. Geels

Our Ref: 02578.0006.CPUS01

Sir:

Transmitted herewith for filing under 37 C.F.R. § 1.53(b) is a continuation-in-part application of prior Application No. 09/611,219, consisting of the following documents:

- Utility Patent Application Transmittal Form (PTO/SB/05); 1.
- Patent Application consisting of 29 pages, to include 6 pages of claims and 1 2. page abstract;
- Figures 1 through 11, consisting of 13 sheets; 3.
- Fee Transmittal Form (PTO/SB/17); 4.
- Form PTO-1082; and 5.
- 6. Return postcard.

It is respectfully requested that the enclosed return postcard be stamped with the filing date and unofficial application number and returned to this office as soon as possible.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 08-3038 referencing docket number 02578.0006.CPUS01.

> Respectfully submitted, Robert P. Sunresser

Date: July ____3_, 2001

Robert C. Laurenson, Reg. No. 34,206

Under the Paperwork Red

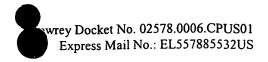
FEE	TRAN	NSMIT	TAL"
f	or FY	2001	1

Patent fees are subject to annual revision.

comp	complete if known			
Application Number				
Filing Date				
First Named Inventor	Scott A. Chalmers			

•			Exa	miner	Name				
Express Mail Label No. EL557885532US			Group Art Unit						
TOTAL AMOUNT OF PAYMENT \$584			Attorney Docket No.			02578.0006.CPUS01			
METHOD OF PA			F	EE CA	ALCULATION	ON (continue	ed)		
1. The Commissioner is hereby		3.	ADDI	TIONA	AL FEE	s			
indicated fees and credit and Deposit Acct. No.	3038	Fee Code	Large Entity Fee (\$)	Fee Code	Small Entity Fee (\$)	Fee D	Description	ı	Fee Paid
Deposit Account Howrey Simon A	rnold & White, LLP	105	130	205	65		filing fee or oath		
Name		127	50	227	25	_	provisional filing fee	or cover sheet	
Charge Any Additional Fee Requ	ired	139	130	139	130	Non-English spe	cification		
Under 37 CFR 1.16 and 1.17		147	2,520	147	2,520	For filing a reque	est for ex parte reexar	mination	
Applicant claims small entity stat	us.	112	920*	112	920*	Requesting publ	ication of SIR prior to	Examiner Action	·
See CFR 1.27.		113	1,840*	113	1,840*	Requesting publ	ication of SIR after Ex	xaminer Action	
2. Payment Enclosed:		115	110	215	55	Extension for rep	oly within first month		
2. Payment Enclosed: Check Credit Card Corder	Money Other	116	390	216	195	Extension for rep	oly within second mon	nth	
Order		117	890	217	445	Extension for rep	oly within third month		
FEE CALCULA	TION	118	1,390	219	695	Extension for rep	oly within fourth month	h	
1. BASIC FILING FEE		128	1,890	228	945	Extension for rer	oly within fifth month		
		119	310	219	155	Notice of Appeal			
Large Entity Small Entity		120	310	220	155		support of an appeal		
¡¡Code (\$) Code (\$)	Fee Description Fee Paid								
101 710 201 355 Utility	filing fee 355	121	270	221	135	Request for oral	=		
≈ .	n filing fee	138	1,510	138	1,510		ite a public use proce	eding	
***	filing fee	140	110	240	55	Petition to revive			
71	ue filing fee	141	1,240	241	620	Petition to revive			
114 150 214 75 Provis	ional filing fee	142 143	1,240 440	242 243	620 220	Utility issue fee (Design issue fee	•		
SUBTOTAL	(1) (\$) 355	144	600	244	300	Plant issue fee			
2. EXTRA CLAIM FEES	(1) (ψ) σσσ	122		122	130	Petitions to the C	Commissioner		
≈Z. EXTRA CLAIM FEES 	Fee from Fees Paid	123	130 50	123	50		to provisional applica	ations	\vdash
Claims	below	126	240	126	180		formation Disclosure		
Total Claims 41 -20**= 1	x 9 = 189	581	40	581	40	Recording each	patent assignment pe		
Independent 4 - 3**= 1	x 40 = 40	1				number of prope	rues)		
Claims Multiple Dependent	=	146	710	246	355	Filing a submissi §1.129(a)	ion after final rejection	n (37 CFR	
Large Entity Small Entity Fee Fee Fee	Fee Description	149	710	249	355	For each addition § 1.129(b)	nal invention to be ex	amined (37 CFR	
Code (\$) Code (\$)	ims in excess of 20	179	710	279	355		tinued Examination (F	RCE).	
	ependent claims in excess of 3	169	900	169	900	Request for expe	edited examination of	a design	
104 270 204 135 Mul	tiple dependent claim, if not paid	d Othor	r fee (speci	64		аррисации			\vdash
109 80 209 40 **Rei	ssue independent claims over	Oulei	.ee (speu	"					
110 18 210 9 ••Rei	iginal patent ssue claims in excess of 20	*Reduc	ed by Basi	c Filing Fe	ee Paid	SUBTO	TAL (3)	(\$) 0.0	0
subtotal (2) (\$) 229							-		
**or number previously paid, if greater; For Reissues		<u> </u>							
SUBMITTED BY Complete (if applicable)									

FORM PTO-1082



HOWREY SIMON ARNOLD & WHITE, LLP Box No. 34 1299 Pennsylvania Avenue, N.W. Washington, D.C. 20004-2402 (202) 783-0800

Box Patent Application COMMISSIONER FOR PATENTS Washington, D.C. 20231

Sir:

Transmitted herewith for filing is the patent application of Scott A. Chalmers and Randall S. Geels for METHOD AND APPARATUS FOR HIGH-SPEED THICKNESS MAPPING OF PATTERNED THIN FILMS.

Also, enclosed are:

1. Utili
2. Utili
3. Drav
4. Repl

- Utility Patent Application Transmittal
- **Utility Application**
- **Drawings**
- Reply Postcard

		(Col. 1)	(Col. 2)
ij	FOR	NO. FILED	NO. EXTRA
	BASIC FEE		
	TOTAL CLAIMS	41 - 20 =	21
	INDEP. CLAIMS	4 -3=	1
	MULTIPLE DI	EPENDENT CL	AIM

^{*}If the difference in Col. 1 is less than zero, enter "0" in Col. 2

SMALL ENTITY				
RATE	FEE			
	\$ 355.00			
x 9 =	189.00			
x 40 =	40.00			
+ 130 =	.00			
TOTAL	\$584.00			

	OTHER THAN A SMALL ENTITY					
OR	RATE	FEE				
OR	* * * *	\$ 0.00				
OR	x 18 =	0.00				
OR	x 78=	0.00				
OR	+ 260 =	0.00				
OR	TOTAL	\$0.00				

This application is being filed under 37 C.F.R. §1.53(b)(1) without declaration and filing fee.

HOWREY SIMON ARNOLD & WHITE, LLP

Robert C. Laurenson, Reg. No. 34,206